

SGCN and Stressors Associated with Habitats

Macrogroup: Central Oak-Pine

Habitat Systems within Macrogroup:

MacrogroupName Central Oak-Pine

Central Appalachian Dry Oak-Pine Forest

Central Appalachian Pine-Oak Rocky Woodland

Central Oak-Pine Macrogroup - Unknown Habitat System (i.e. Macrogroup)

North Atlantic Coastal Plain Hardwood Forest

North Atlantic Coastal Plain Maritime Forest

Northeastern Interior Pine Barrens

Description: Wooded uplands of the central and notheastern US oak-hickory region

SGCN Associated With This Habitat

Total SGCN: 1: 9 2: 40 3: 62

Class	<i>Amphibia</i> (Amphibians)	SGCN Category
Species	<i>Ambystoma laterale</i> (Blue-spotted Salamander)	2
Class	<i>Aves</i> (Birds)	SGCN Category
Species	<i>Setophaga ruticilla</i> (American Redstart)	2
Species	<i>Scolopax minor</i> (American Woodcock)	3
Species	<i>Icterus galbula</i> (Baltimore Oriole)	3
Species	<i>Mniotilta varia</i> (Black-and-white Warbler)	2
Species	<i>Coccyzus erythrophthalmus</i> (Black-billed Cuckoo)	3
Species	<i>Nycticorax nycticorax</i> (Black-crowned Night-heron)	2
Species	<i>Setophaga caerulescens</i> (Black-throated Blue Warbler)	3
Species	<i>Setophaga virens</i> (Black-throated Green Warbler)	3
Species	<i>Vermivora cyanoptera</i> (Blue-winged Warbler)	2
Species	<i>Buteo platypterus</i> (Broad-winged Hawk)	3
Species	<i>Toxostoma rufum</i> (Brown Thrasher)	2
Species	<i>Cardellina canadensis</i> (Canada Warbler)	2
Species	<i>Setophaga pensylvanica</i> (Chestnut-sided Warbler)	2
Species	<i>Chaetura pelagica</i> (Chimney Swift)	2
Species	<i>Chordeiles minor</i> (Common Nighthawk)	3
Species	<i>Tyrannus tyrannus</i> (Eastern Kingbird)	2
Species	<i>Megascops asio</i> (Eastern Screech-owl)	3
Species	<i>Pipilo erythrophthalmus</i> (Eastern Towhee)	2
Species	<i>Antrostomus vociferus</i> (Eastern Whip-poor-will)	2
Species	<i>Contopus virens</i> (Eastern Wood-pewee)	2
Species	<i>Coccothraustes vespertinus</i> (Evening Grosbeak)	2
Species	<i>Spizella pusilla</i> (Field Sparrow)	3
Species	<i>Ardea herodias</i> (Great Blue Heron)	2
Species	<i>Egretta caerulea</i> (Little Blue Heron)	3
Species	<i>Asio otus</i> (Long-eared Owl)	3
Species	<i>Parkesia motacilla</i> (Louisiana Waterthrush)	3
Species	<i>Colaptes auratus</i> (Northern Flicker)	3
Species	<i>Setophaga americana</i> (Northern Parula)	3
Species	<i>Icterus spurius</i> (Orchard Oriole)	3
Species	<i>Setophaga discolor</i> (Prairie Warbler)	2
Species	<i>Haemorhous purpureus</i> (Purple Finch)	3

SGCN and Stressors Associated with Habitats

Macrogroup: Central Oak-Pine

Species	<i>Pheucticus ludovicianus</i> (Rose-breasted Grosbeak)	3
Species	<i>Regulus calendula</i> (Ruby-crowned Kinglet)	2
Species	<i>Piranga olivacea</i> (Scarlet Tanager)	3
Species	<i>Asio flammeus</i> (Short-eared Owl)	2
Species	<i>Egretta thula</i> (Snowy Egret)	3
Species	<i>Catharus fuscescens</i> (Veery)	2
Species	<i>Zonotrichia albicollis</i> (White-throated Sparrow)	3
Species	<i>Hylocichla mustelina</i> (Wood Thrush)	1
Species	<i>Coccyzus americanus</i> (Yellow-billed Cuckoo)	2
Class	<i>Gastropoda</i> (Aquatic And Terrestrial Snails)	SGCN Category
Species	<i>Neohelix dentifera</i> (Big-tooth Whitelip)	3
Species	<i>Appalachina sayana</i> (Spike-lip Crater)	3
Class	<i>Insecta</i> (Insects)	SGCN Category
Species	<i>Cucullia speyeri</i> (A Moth)	3
Species	<i>Nepytia pellucidaria</i> (A Moth)	3
Species	<i>Chaetagnaea cerata</i> (A Noctuid Moth)	2
Species	<i>Xylena thoracica</i> (Acadian Swordgrass Moth)	3
Species	<i>Bombus pensylvanicus</i> (American Bumble Bee)	2
Species	<i>Satyrodes appalachia</i> (Appalachian Brown)	3
Species	<i>Stylurus spiniceps</i> (Arrow Clubtail)	3
Species	<i>Cordulegaster obliqua</i> (Arrowhead Spiketail)	3
Species	<i>Bombus ashtoni</i> (Ashton's Cuckoo Bumble Bee)	2
Species	<i>Chaetagnaea tremula</i> (Barrens Chaetagnaea)	3
Species	<i>Speranza exonerata</i> (Barrens Itame)	2
Species	<i>Metarranthis apiciaria</i> (Barrens Metarranthis Moth)	2
Species	<i>Tramea lacerata</i> (Black Saddlebags)	3
Species	<i>Zale lunifera</i> (Bold-based Zale Moth)	3
Species	<i>Xylotype capax</i> (Broad Sallow)	3
Species	<i>Neurocordulia michaeli</i> (Broad-tailed Shadowdragon)	3
Species	<i>Bombus griseocollis</i> (Brown-belted Bumble Bee)	3
Species	<i>Tramea carolina</i> (Carolina Saddlebags)	3
Species	<i>Ischnura hastata</i> (Citrine Forktail)	3
Species	<i>Hesperia metea</i> (Cobweb Skipper)	3
Species	<i>Anax longipes</i> (Comet Darner)	3
Species	<i>Satyrium titus</i> (Coral Hairstreak)	3
Species	<i>Atrytonopsis hianna</i> (Dusted Skipper)	3
Species	<i>Hemileuca maia maia</i> (Eastern Buckmoth)	2
Species	<i>Satyrium edwardsii</i> (Edwards' Hairstreak)	2
Species	<i>Ophiogomphus anomalus</i> (Extra-striped Snaketail)	3
Species	<i>Bombus fernaldae</i> (Fernald's Cuckoo Bumble Bee)	3
Species	<i>Hemaris gracilis</i> (Graceful Clearwing)	3
Species	<i>Paonias astylus</i> (Huckleberry Sphinx)	3
Species	<i>Somatochlora incurvata</i> (Incurvate Emerald)	3
Species	<i>Bombus insularis</i> (Indiscriminate Cuckoo Bumble Bee)	2
Species	<i>Bombus citrinus</i> (Lemon Cuckoo Bumble Bee)	3

SGCN and Stressors Associated with Habitats

Macrogroup: Central Oak-Pine

Species	<i>Hesperia leonardus</i> (Leonard's Skipper)	3
Species	<i>Arigomphus furcifer</i> (Lilypad Clubtail)	3
Species	<i>Celithemis martha</i> (Martha's Pennant)	3
Species	<i>Libellula needhami</i> (Needhams Skimmer)	3
Species	<i>Enallagma laterale</i> (New England Bluet)	2
Species	<i>Zale obliqua</i> (Oblique Zale)	3
Species	<i>Libellula semifasciata</i> (Painted Skimmer)	3
Species	<i>Zanclognatha martha</i> (Pine Barrens Zanclognatha)	1
Species	<i>Citheronia sepulcralis</i> (Pine Devil)	2
Species	<i>Lithophane lepida lepida</i> (Pine Pinion)	2
Species	<i>Psectraglaea carnososa</i> (Pink Sallow)	2
Species	<i>Xystocheilus rufago</i> (Red-winged Sallow)	3
Species	<i>Williamsonia lintneri</i> (Ringed Boghaunter)	1
Species	<i>Bombus affinis</i> (Rusty-patched Bumble Bee)	1
Species	<i>Bombus sandersoni</i> (Sanderson's Bumble Bee)	3
Species	<i>Enallagma pictum</i> (Scarlet Bluet)	2
Species	<i>Erythrodiplax berenice</i> (Seaside Dragonlet)	3
Species	<i>Catocala similis</i> (Similar Underwing)	3
Species	<i>Erynnis brizo</i> (Sleepy Duskywing)	2
Species	<i>Thorybes bathyllus</i> (Southern Cloudywing)	3
Species	<i>Lapara coniferarum</i> (Southern Pine Sphinx)	3
Species	<i>Lanthus vernalis</i> (Southern Pygmy Clubtail)	2
Species	<i>Rhionaeschna mutata</i> (Spatterdock Darner)	3
Species	<i>Papilio troilus</i> (Spicebush Swallowtail)	3
Species	<i>Lycia rachelae</i> (Twilight Moth)	2
Species	<i>Bombus fervidus</i> (Yellow Bumble Bee)	3
Species	<i>Bombus terricola</i> (Yellowbanded Bumble Bee)	3
Class	<i>Mammalia</i> (Mammals)	SGCN Category
Species	<i>Eptesicus fuscus</i> (Big Brown Bat)	2
Species	<i>Myotis leibii</i> (Eastern Small-footed Myotis)	1
Class	<i>Reptilia</i> (Reptiles)	SGCN Category
Species	<i>Emydoidea blandingii</i> (Blanding's Turtle)	1
Species	<i>Terrapene carolina carolina</i> (Eastern Box Turtle)	2
Species	<i>Thamnophis sauritus</i> (Eastern Ribbon Snake)	2
Species	<i>Coluber constrictor constrictor</i> (Northern Black Racer)	1
Species	<i>Storeria dekayi dekayi</i> (Northern Brownsnake)	2
Species	<i>Clemmys guttata</i> (Spotted Turtle)	1
Species	<i>Glyptemys insculpta</i> (Wood Turtle)	1

Endangered (E) and Threatened (T) Plant Species Associated With This Habitat

Class	Dicots <i>Dicotyledoneae</i>	State Status
Species	Bitternut Hickory <i>Carya cordiformis</i>	E
Species	Chestnut Oak <i>Quercus montana</i>	T
Species	Clammy Azalea <i>Rhododendron viscosum</i>	E
Species	Dwarf Dandelion <i>Krigia virginica</i>	T

SGCN and Stressors Associated with Habitats

Macrogroup: Central Oak-Pine

Species	Flowering Dogwood <i>Cornus florida</i>	E
Species	New Jersey Tea <i>Ceanothus americanus</i>	T
Species	Northern Blazing Star <i>Liatris scariosa</i> var. <i>novae-angliae</i>	T
Species	Rattlesnake Hawkweed <i>Hieracium venosum</i> var. <i>nudicaule</i>	E
Species	Rue-anemone <i>Thalictrum thalictroides</i>	E
Species	Scarlet Oak <i>Quercus coccinea</i>	E
Species	Spotted Wintergreen <i>Chimaphila maculata</i>	E
Species	Summer Grape <i>Vitis aestivalis</i> var. <i>bicolor</i>	T
Species	White-topped Aster <i>Sericocarpus asteroides</i>	E
Species	Wild Indigo <i>Baptisia tinctoria</i>	E
Class	Monocots <i>Monocotyledoneae</i>	State Status
Species	Spreading Sedge <i>Carex laxiculmis</i>	E
Species	Variable Sedge <i>Carex polymorpha</i>	E

SGCN and Stressors Associated with Habitats

Macrogroup: Central Oak-Pine

Stressors Associated With This Macrogroup

IUCN Level 2 Threat Name: Air-Bourne Pollutants

Notes: Atmospheric nitrogen, among others, but long term impacts are not clear

IUCN Level 2 Threat Name: Annual and Perennial Non-timber crops

Notes: Most ag impacts are historical legacy; FIA data may provide details on current conversions

IUCN Level 2 Threat Name: Commercial and Industrial Areas

Notes: Industrial/commercial development rates highest in urban/suburban areas of southern/coastal ME; Central Oak Pine had among the highest rates of predicted development in Anderson et al (2013)

IUCN Level 2 Threat Name: Fire and Fire Suppression

Notes: Fire suppression leads to species shift & supporting increase in invasive spp.

IUCN Level 2 Threat Name: Housing and Urban Areas

Notes: Residential development rates highest in suburban areas of southern/coastal ME

IUCN Level 2 Threat Name: Invasive Non-native-Alien Species-Diseases

Notes: Invasive plants & insects (gypsy moth, EAB, Asian Longhorn beetle, etc.)

IUCN Level 2 Threat Name: Logging and Wood Harvesting

Notes: Severity varies depending on intensity. May be a stress to species preferring closed canopy or late-successional systems; provides habitat for species using early to mid-successional forests; forest management also maintains working forest as v

IUCN Level 2 Threat Name: Logging and Wood Harvesting

Notes: Severity varies depending on intensity. May be a stress to species preferring closed canopy or late-successional systems; provides habitat for species using early to mid-successional forests; working forests can also help provide valuable open

IUCN Level 2 Threat Name: Problematic Native Species-Diseases

Notes: Deer overabundance, particularly under white pine canopies. 8.1 may be largely symptom of 8.2

IUCN Level 2 Threat Name: Recreational Activities

Notes: Motorized, non-motorized trails and usage

IUCN Level 2 Threat Name: Roads and Railroads

Notes: Fragmentation from roads is highest in southern and coastal ME

IUCN Level 2 Threat Name: Utility and Service Lines

Notes: Powerlines also provide habitat for early successional species

Habitat Conservation Actions:

Relevant conservation actions for this habitat are assigned within broader habitat groupings in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-15. Click on the Habitat Grouping of interest to launch a habitat based report summarizing relevant conservation actions and associated SGCN.

Species Conservation Actions:

Conservation actions that may benefit species associated with this habitat can be found in Maine's 2015 Wildlife Action Plan: Element 1, Table 1-3. Click on the species of interest to launch a species based report summarizing relevant conservation actions and associated habitats.

The Wildlife Action Plan was developed through a lengthy participatory process with state agencies, targeted conservation partners, and the general public. The Plan is non-regulatory. The species, stressors, and voluntary conservation actions identified in the Plan complement, but do not replace, existing work programs and priorities by state agencies and partners.